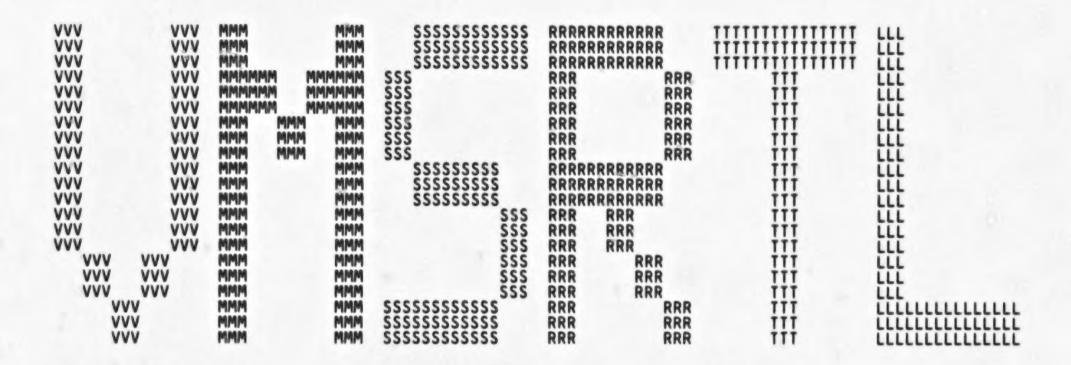
S



VV	VV	MM MM	MM	SSSSS	\$\$\$ \$\$\$	RRRRRRRR	IIIIIIIIII	LL
VV	VV	MMMM	MMMM	SS		RR RI	TT	LL
VV	VV	MMMM	MMMM	SS		RR RI	TT S	ίί
VV	VV	MM MM		SS		RR RI		ĨĨ.
VV	VV	MM MM	MM	SS		RR RI	i ii	II
VV	VV	MM	MM	SSSSS	S	RRRRRRRR	ŤŤ	ii
VV	VV	MM	MM	\$\$\$\$\$	Š	RRRRRRRR	ŤŤ	ii
VV	VV	MM	MM	33333	SS	RR RR	ŤŤ	ii
VV	VV	MM	MM		SS	RR RR	ŤŤ	
VV	VV	MM			22			LL
			MM		SS	RR RR	ĨĨ	LL
	VV	MM	MM	******	SS	RR RR	II	LL
VV		MM	MM	SSSSSSS	2	RR RI		LLLLLLLL
VV		MM	MM	SSSSSSS	2	RR RI	7 11	LLLLLLLL
MM MM	MM MM	AAAA		PPPPPPP	P			
	MMMM	AA	AA	PP	PP			
	MMMM	AA	AA	PP	PP			
MM MM		AA	AA	PP	PP			
MM MM		AA	AA	PP	PP			
MM	MM	AA	AA	PPPPPPP				
MM	MM	AA	AA	PPPPPPP	0			
MM	MM	AAAAAA		PP				
MM	MM							
		AAAAAA		PP				
MM	MM	AA	AA	PP				
MM	MM	AA	AA	PP				
MM	MM	AA	AA	PP				
MM	MM	AA	AA	PP				

::::

Module Name	Ident	Bytes	File	Creation Date	Creator
VMS\$VECTOR	4-003	6023 4120	CVMSRTL.OBJJVMSVECTRS.OLB:1 _\$255\$DUA28:[SYSOBJ]MTHRTL.OLB:1	16-SEP-1984 02:15 16-SEP-1984 01:01	VAX/VMS Macro V04-00 VAX/VMS Macro V04-00
BASRTL COBRTL FORRTL	V04-000 V04-000 V04-000	0	\$255\$DUA28:[SYSLIB]BASRTL.EXE:1 \$255\$DUA28:[SYSLIB]COBRTL.EXE:1 \$255\$DUA28:[SYSLIB]FORRTL.EXE:1	16-SEP-1984 04:06 16-SEP-1984 04:07 16-SEP-1984 04:07	VAX-11 Linker V04-00 VAX-11 Linker V04-00 VAX-11 Linker V04-00
FORRTL LIBRTL MTHRTL	v04-000 v04-000	ŏ	-\$255\$DUA28:[SYSLIB]LIBRTL.EXE:1 -\$255\$DUA28:[SYSLIB]MTHRTL.EXE:1	16-SEP-1984 04:00 16-SEP-1984 04:04	VAX-11 Linker V04-00 VAX-11 Linker V04-00

## Image Section Synopsis !

Cluster	Туре	Pages	Base Addr	Disk	VBN	PFC	Prote	ction	and Paging	Global Sec. Name	Match	Majorid	Minorid
CLUSTER1	3	20 12	00000000-F	2	22	6	REAL	ONLY	FIXUP VECTORS	s			
BASRTL	3432	168 3 1 2	00000000-F 00015000-F 00015600-F 00015800-F	3	0000		READ READ READ READ	ONLY		BASRTL_001 BASRTL_002 BASRTL_003 S BASRTL_004	LESS/EQUAL LESS/EQUAL LESS/EQUAL LESS/EQUAL	1	10 10 10 10
COBRTL	3442	55 1 1	00000000-F 00006E00-F P-00007000-F 00007200-F	2	000		READ READ READ READ	WRITE	COPY ON REF COPY ON REF FIXUP VECTORS	COBRTL 001 COBRTL 002 COBRTL 003	LESS/EQUAL LESS/EQUAL LESS/EQUAL LESS/EQUAL	1	10 10 10 10
FORRTL	342	63 2 1	00000000-F 00007E00-F 00008200-F	3	0		READ READ READ	ONLY WRITE WRITE	COPY ON REF	FORRTL_001 FORRTL_002 S FORRTL_003	LESS/EQUAL LESS/EQUAL LESS/EQUAL	1	100 100 100
LIBRTL	3	111	00000000-F	2	0	0	REAL	ONLY	DEMAND ZERO	LIBRTL_001 LIBRTL_002	LESS/EQUAL	1	11
MTHRTL	3	115	00000000-F	1	0	0	REAL	ONLY	FIXUP VECTORS		LESS/EQUAL	129 129	32778 32778

Key for special characters above:

R - Relocatable P - Protected

16-SEP-1984 04:14 \$255\$DUA28:[VMSRTL.OBJ]VMSRTL.EXE;1 VAX-11 Linker V04-00 3 Page Program Section Synopsis! Psect Name Module Name Length Align Attributes Base 00000000 00001786 00001787 ( 00000000 00001786 00001787 ( **\$VMS\$VECTOR** 6023.) PAGE 9 6023.) PAGE 9 PIC, USR, CON, REL, GBL, SHR, EXE, RD, NOWRT, NOVEC VMS\$VECTOR \_MTH\$CODE 00001788 0000279F 00001018 ( 00001788 0000279F 00001018 ( 4120.) LONG 2 4120.) LONG 2 PIC, USR, CON, REL, GBL, SHR, EXE, RD, NOWRT, NOVEC MTHSAL\_4\_OV\_PI

## ! Symbol Cross Reference !

Symbol	Value	Defined By	Referenced By
\$\$BAS\$\$BLNK_LINE	00000BAO-R	VMS\$VECTOR	
\$\$BAS\$\$CB_GET \$\$BAS\$\$CB_POP	00000B80-R 00000B70-R	VMS\$VECTOR VMS\$VECTOR	
\$\$BAS\$\$CB_PUSH	00000B78-R	VMS\$VECTOR	
\$\$BAS\$\$CB_PUSH \$\$BAS\$\$CLOSE_ALL	00000BF8-R	VMS\$VECTOR	
\$\$BAS\$\$CTRLC_INIT \$\$BAS\$\$ERR_INIT	00001648-R 00000B88-R	VMS\$VECTOR VMS\$VECTOR	
SSBASSSFORMAT_INT	00000BF0-R	VMS\$VECTOR	
SSBASSSNEXT_LUN	00001620-R	VMS\$VECTOR	
\$\$BAS\$\$OPEN_ZERO \$\$BAS\$\$RECOU_INIT	00000B90-R 00000B98-R	VMS\$VECTOR	
\$\$BAS\$\$REC_WSL1	00001600-R	VMS\$VECTOR VMS\$VECTOR	
S\$BAS\$\$SCATE_L_R1	00000BD8-R	VMS\$VECTOR	
\$\$BAS\$\$SCALE_RT	00000BE0-R	VMS\$VECTOR	
\$\$BAS\$\$SIGNAL \$\$BAS\$\$SIGNAL_IO	00000BA8-R 00000BB0-R	VMS\$VECTOR VMS\$VECTOR	
SSBASSSTATU_INIT	00000BB8-R	VMS\$VECTOR	
35BASSSSTOP	00000BC0-R	VMS\$VECTOR	
\$\$BAS\$\$STOP_IO \$\$BAS\$\$STOP_RMS	00000BC8-R 00000BE8-R	VMS\$VECTOR VMS\$VECTOR	
SSBASSSUDF RL1	00000C00-R	VMS\$VECTOR	
SSBASSSUDF WL1	00000C08-R	VMS\$VECTOR	
\$\$BAS\$ANSI_INPUT \$\$BAS\$ANSI_IO_END	00001628-R 00001630-R	VMS\$VECTOR VMS\$VECTOR	
\$\$BAS\$BUFSIZ	00000B40-R	VMS\$VECTOR	
\$\$BAS\$CANTYPAHEAD	00000BD0-R	VMS\$VECTOR	
\$\$BAS\$CCPOS \$\$BAS\$CHR	00000B20-R 00000B48-R	VMS\$VECTOR VMS\$VECTOR	
\$\$BAS\$CLOSE	00000A88-R	VMS\$VECTOR	
\$\$BAS\$CMPD_APP \$\$BAS\$CMPF_APP \$\$BAS\$CMPG_APP \$\$BAS\$CMPH_APP	00000890-R	VMS\$VECTOR	
SSBASSCMPF APP	00000888-R 00001530-R 00001538-R	VMS\$VECTOR VMS\$VECTOR	
\$\$BAS\$CMPH_APP	00001538-R	VMS\$VECTOR	
\$\$BAS\$CTRLC	00001638-R	VMS\$VECTOR	
\$\$BAS\$CVT_OUT_D_F	000014D0-R 000014D8-R	VMS\$VECTOR VMS\$VECTOR	
I SSRASSCVI DUI D G	000014E0-R	VMS\$VECTOR	
\$\$BAS\$CVT_OUT_F_E \$\$BAS\$CVT_OUT_F_F	000014C0-R	VMS\$VECTOR	
\$\$BAS\$CVT_OUT_F_F \$\$BAS\$CVT_OUT_G_E	000014C8-R 000014E8-R	VMS\$VECTOR VMS\$VECTOR	
SCRACECUT OUT GE	000014F0-R	VMS\$VECTOR	
\$\$BAS\$CVT_OUT_G_G	000014F8-R	VMS\$VECTOR	
SSBASSCVT_OUT_H_E	00001500-R	VMS\$VECTOR VMS\$VECTOR	
\$\$BAS\$CVT OUT H G	00001508-R 00001510-R	VMS\$VECTOR	
\$\$BAS\$CVT_OUT_G_G \$\$BAS\$CVT_OUT_H_E \$\$BAS\$CVT_OUT_H_F \$\$BAS\$CVT_OUT_H_G \$\$BAS\$CVT_OUT_P_E \$\$BAS\$CVT_OUT_P_F	00001518-R	VMS\$VECTOR	
\$\$BAS\$CVT_OUT_P_G	00001520-R	VMS\$VECTOR	
\$\$BAS\$CVT_T_P	00001528-R 00001460-R	VMS\$VECTOR VMS\$VECTOR	

VMS\$VECTOR VMS\$VECTOR 16-SEP-1984 04:14

VAX-11 Linker V04-00

Page

5

S こうこうこうこうこうこうこうこうこうこうこうこうこうこうこうこう

F

F F F F F F

F F F F

S

F(

FO

F

F

F

F

F

F

F

F

F

F

F

FI

F

F

F

F

F

F

F

F

F

FO

F

F

F

F

F

S

VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR

SSFORSREWIND

\$\$FOR\$REWRITE\_SF \$\$FOR\$REWRITE\_SO \$\$FOR\$REWRITE\_SU

H 4 16-SEP-1984 04:14

VAX-11 Linker V04-00

Page

9

Referenced By ...

Symbol	Value	Defined By	Referenced By
\$\$FOR\$SECNDS	00000258-R	VMS\$VECTOR	
SSFORSSTOP	00000260-R 00000700-R	VMS\$VECTOR	
SSFORSUNLOCK SSFORSWRITE DF	00000700-R	VMS\$VECTOR VMS\$VECTOR	
SSFORSWRITE DO	00000078-R	VMS\$VECTOR	
SSFORSWRITE DU	00000080-R	VMS\$VECTOR	
\$\$FOR\$WRITE_IF \$\$FOR\$WRITE_IO	000006D8-R 000006E0-R	VMS\$VECTOR VMS\$VECTOR	
\$\$FORSWRITE_SF	00000088-R	VMS\$VECTOR	
\$\$FOR\$WRITE_SL	00000090-R	VMS\$VECTOR	
SSFORSWRITE SN SSFORSWRITE SO	00000738-R 00000098-R	VMS\$VECTOR VMS\$VECTOR	
CCCODCUDITE CH	000000A0-R	VMS\$VECTOR	
SSLIBSANALYZE SDESC	00001480-R	VMS\$VECTOR	
S\$LIBSANALYZE SDESC_R2 \$\$LIB\$AST_IN_PROG	00001488-R	VMS\$VECTOR	
SSLIBSATTACH	000004B0-R 00000770-R	VMS\$VECTOR VMS\$VECTOR	
SSLIBSCRC	000004B8-R	VMS\$VECTOR	
S\$LIB\$CRC_TABLE	000004C0-R	VMS\$VECTOR	
\$\$LIB\$DEC_OVER \$\$LIB\$ESTĀBLISH	000004C8-R 000004D0-R	VMS\$VECTOR VMS\$VECTOR	
SSLIBSEXTV	000004D8-R	VMS\$VECTOR	
SSLIBSEXTZV	000004E0-R	VMS\$VECTOR	
SSLIBSFFC SSLIBSFFS	000004E8-R 000004F0-R	VMS\$VECTOR VMS\$VECTOR	
S\$LIBSFILE_SCAN	000014A0-R	VMS\$VECTOR	
I POLITION LIFE	000014A8-R	VMS\$VECTOR	
SSLIBSFIXUP FLT SSLIBSFLT_UNDER	000004f8-R 00000500-R	VMS\$VECTOR VMS\$VECTOR	
SSLIBSFREE EF	00001468-R	VMS\$VECTOR	
SSLIBSFREE EF SSLIBSFREE LUN	00001458-R	VMS\$VECTOR	
S\$LIB\$FREE_VM \$\$LIB\$GET_COMMAND	000005F0-R 00000510-R	VMS\$VECTOR VMS\$VECTOR	
\$\$LIB\$GET_EF	00001470-R	VMS\$VECTOR	
\$\$LIB\$GET_INPUT	00000508-R	VMS\$VECTOR	
S\$LIB\$GET_LUN	00001460-R	VMS\$VECTOR	
SSLIBSGET_OPCODE SSLIBSGET_VM	00000780-R 200005F8-R	VMS\$VECTOR VMS\$VECTOR	
SSLIBSINDEX	J0000518-R	VMS\$VECTOR	
SSLIBSINSV	00000520-R 00000528-R 00000530-R 00000538-R	VMS\$VECTOR	
SSLIBSINT OVER SSLIBSLOCC	00000528-8	VMS\$VECTOR VMS\$VECTOR	
SSLIBSMATCHC	00000538-R	VMS\$VECTOR	
SSLIBSMATCH_COND	00000540-R	VMS\$VECTOR	
\$\$LIB\$MOVTC \$\$LIB\$MOVTUC	00000548-R 00000550-R	VMS\$VECTOR VMS\$VECTOR	
\$\$LIB\$PUT_OUTPUT	00000558-R	VMS\$VECTOR	
\$\$LIB\$RESERVE_EF	00001478-R	VMS\$VECTOR	
\$\$LIB\$REVERT	00000560-R	VMS\$VECTOR	
SSLIBSSCANC SSLIBSSCOPY_DXDX	00000568-R 00000570-R	VMS\$VECTOR VMS\$VECTOR	
\$\$LIB\$SCOPY_DXDX6	00000578-R	VMS\$VECTOR	

Symbol	Value	Defined By
SSLIBSSCOPY_R_DX	00000580-R 00000588-R 000005A0-R 000005A8-R 000005B0-R	VMSSVECTOR
SSLIBSSCOPY R DX6 SSLIBSSFREET DD SSLIBSSFREET DD6	00000588-R	VMS\$VECTOR
SSLIBSSFREET_DD	000005A0-R	VMS\$VECTOR
\$\$LIB\$SFREEN_DD	00000580-8	VMS\$VECTOR VMS\$VECTOR
SSLIBSSFREEN_DD6	しししししつ 2000 一杯	VMS\$VECTOR
SSLIBSSGET1 DD	00000590-R	VMS\$VECTOR
SSLIBSSGETT DD_R6 SSLIBSSHOW_VM	00000598-R	VMS\$VECTOR
\$\$LIB\$SIGNĀL	00000600-R	VMSSVECTOR
SSLIBSSIG_TO_RET	000005C8-R 000005D8-R	VMS\$VECTOR VMS\$VECTOR
SSLIBSSKPC	000005E0-R 000005E8-R 00000778-R 000005C0-R	VMSSVECTOR
\$\$LIB\$SPANC	000005E8-R	VMS\$VECTOR
SSL IBSSPAUN	00000778-R	VMSSVECTOR
SSLIBSSTAT_VM SSLIBSSTOP	000005D0-R	VMS\$VECTOR VMS\$VECTOR
SSLIBSTPARSE	00000B58-R	VMS\$VECTOR
SSMTHSSAB_ALOG_V	00000F48-R	VMS\$VECTOR
SSMTHSSAB_ALOG_V SSMTHSSAB_ATAN_V	00000F50-R	VMS\$VECTOR
SSMTHSACOS	00000268-R	VMSSVECTOR
SSMTHSACOSD R4	00000E00-R 00000E08-R	VMS\$VECTOR VMS\$VECTOR
SSMTHSACOS_R4	00000270-R	VMS\$VECTOR
\$\$MTH\$ACOS_R5	00000270-R	VMS\$VECTOR
SSMTHSALOG	00000270-R 00000270-R 00000278-R 00000280-R 00000288-R	VMS\$VECTOR
SSMTHSALOGIO PE	000000280-R	VMS\$VECTOR
SSMTHSALOG10_R5 SSMTHSALOG2	00000F20-R	VMS\$VECTOR VMS\$VECTOR
SSMTHSALOG RS	00000290-R	VMS\$VECTOR
SSMTHSAL_4_OV_PI_V	00000F40-R	VMS\$VECTOR
SSMTHSASIN	00000298-R	VMS\$VECTOR
SSMTHSASIND SSMTHSASIND_R4	00000E10-R 00000E18-R	VMS\$VECTOR VMS\$VECTOR
SSMTHSASIN_R4	000002A0-R	VMS\$VECTOR
SSMTHSASIN_R5	000002A0-R	VMS\$VECTOR
SSMTHSATAN	000002A8-R	VMS\$VECTOR
SSMTHSATAN2	000002B0-R	VMS\$VECTOR
SSMTHSATAND SSMTHSATAND2	00000E20-R 00000E28-R	VMS\$VECTOR VMS\$VECTOR
SSMTHSATAND_R4	00000E30-R	VMS\$VECTOR
SSMTHSATANH	00000ED0-R 000002B8-R	VMS\$VECTOR
SSMTHSATAN_R4	000002B8-R	VMS\$VECTOR
SSMTHSCABS SMTHSCCOS	00000438-R 00000458-R	VMS\$VECTOR VMS\$VECTOR
SSMTHSCEXP	00000440-R	VMS\$VECTOR
SSMTHSCLOG	00000448-R	VMS\$VECTOR
SSMTHSCOS	00000368-R	VMS\$VECTOR
SSMTHSCOSD	00000E90-R	VMSSVECTOR
SSMTHSCOSD_R4 SSMTHSCOSH	00000E98-R 00000450-R	VMS\$VECTOR VMS\$VECTOR
SSMTHSCOS R4	00000370-R	VMS\$VECTOR
SSMTHSCSIN	00000460-R	VMSSVECTOR

Referenced By ...

-				
Symbol	Value	Defined By	Referenced By	
SSMTHSSINCOSD_R5	00000EF0-R 00000EF8-R 00000EA0-R 00000EA8-R 00000498-R 00000388-R 00000388-R 00000390-R 00000720-R 00000EC0-R 00000EC0-R 00000EC8-R 00000F38-R 00000F30-R 00000790-R 00000798-R 00000798-R 00000758-R 00000758-R 00000758-R	VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR		
SSMTHSSINCOS_R5 SSMTHSSIND	00000EE8-R	VMS\$VECTOR		
\$\$MTH\$SIND_R4	00000EA8-R	VMS SVECTOR		
SSMTHSSINH SSMTHSSIN_R4	00000498-R 00000380-R	VMSSVECTOR VMSSVECTOR		
SSMTHSSORT SSMTHSSORT_R2	00000388-R	VMSSVECTOR VMSSVECTOR VMSSVECTOR VMSSVECTOR VMSSVECTOR VMSSVECTOR VMSSVECTOR		
35M1H55UR1_R5	00000720-R	VMS\$VECTOR		
SSMTHSTAN SSMTHSTAND	000004A0-R 00000EC0-R	AW29AECINK		
SSMTHSTAND_R4 SSMTHSTAND_R5	00000EC8-R	VMS\$VECTOR VMS\$VECTOR		
SSMIHSTANH	000004A8-R	VMS\$VECTOR		
SSMTHSTAN_R4 SSMTHSTAN_R5	00000718-R 00000F30-R	VMS\$VECTOR VMS\$VECTOR		
SSOTSSSCVT_D_T_R8	00000790-R	VMS\$VECTOR		
\$\$015\$\$CVT_D_T_R8 \$\$015\$\$CVT_D_T_R8 \$\$015\$\$CVT_H_T_R8 \$\$015\$\$CVT_L_TI \$\$015\$CVT_L_TI \$\$015\$CVT_L_TL \$\$015\$CVT_L_TZ \$\$015\$CVT_L_TZ \$\$015\$CVT_TB_L \$\$015\$CVT_TB_L \$\$015\$CVT_TL_L \$\$015\$CVT_TL_L \$\$015\$CVT_TL_L \$\$015\$CVT_TD_L	000007A0-R	VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR		
\$\$015\$CVT_L_TI	00000758-R 00000690-R	VMS\$VECTOR		
\$\$OTS\$CVT_L_TL \$\$OTS\$CVT_L_TO	000006A8-R	VMS\$VECTOR		
SSOTSSCVTLTZ	000006A0-R	VMSSVECTOR		
\$\$OTS\$CVT_TI_L	00000760-R 00000210-R 00000218-R 00000220-R 00000228-R 00000200-R 00000768-R 00000660-R	VMS\$VECTOR		
\$\$OTS\$CVT_TL_L \$\$OTS\$CVT_TO_L	00000218-R 00000220-R	VMS\$VECTOR VMS\$VECTOR		
\$\$OTS\$CVT_TZ_L	00000228-R	VMS\$VECTOR		
SSOTSSCVT T D SSOTSSCVT T F SSOTSSCVT T G	00000768-R	VMS\$VECTOR VMS\$VECTOR		
\$\$OTS\$CVT_T_G \$\$OTS\$CVT_T_H	00000660-R 00000688-R	VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR		
SSOTSSCVT_T_H SSOTSSDIVC SSOTSSPOWCJ	00000398-R 000003A0-R	VMS\$VECTOR VMS\$VECTOR		
\$\$OTS\$POWDD	000003A8-R 000003C0-R	VMS\$VECTOR		
\$\$OTS\$POWDJ \$\$OTS\$POWDR	000003B0-R	VMS\$VECTOR VMS\$VECTOR		
\$\$OTS\$POWII \$\$OTS\$POWJJ	000003C8-R	VMS\$VECTOR VMS\$VECTOR		
\$\$OTS\$POWRD	000003B8-R	VMS\$VECTOR		
\$\$OTS\$POWRJ \$\$OTS\$POWRR	000003D8-R 000003E0-R	VMS\$VECTOR VMS\$VECTOR		
\$\$OTS\$SCOPY DXDX	000003E8-R	VMSSVECTOR		
\$\$OTS\$SCOPY_R_DX	000003F8-R	VMSSVECTOR		
\$\$OTS\$SCOPY_DXDX6 \$\$OTS\$SCOPY_R_DX \$\$OTS\$SCOPY_R_DX6 \$\$OTS\$SFREET_DD	00000400-R	VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR		
\$\$OTS\$SFREE1_DD6 \$\$OTS\$SFREEN_DD	00000420-R	VMSSVECTOR VMSSVECTOR		
\$\$OTS\$SFREEN_DD6	000003B8-R 000003B8-R 000003B8-R 000003E8-R 000003F0-R 000003F8-R 00000400-R 00000418-R 00000420-R 00000428-R	VMS SVECTOR		
			•	

Symbol	Value	Defined By	Referenced By
SOTSSSGETI DD R6 SSTRSANALYZE SDESC R1 SSTRSANALYZE SDESC R1 SSTRSCOMPARE STRSCOMPARE EQL SSTRSCOMPARE EQL SSTRSCOPY DX R8 SSTRSCOPY DX R8 SSTRSCOPY DX R8 SSTRSCOPY R R8 SSTRSDUPL CHARRB SSTRSDUPL CHARRB SSTRSFREET DX R4 SSTRSFREET DX R4 SSTRSFREET DX R4 SSTRSLEFT R8 SSTRSLEFT R8 SSTRSLEN EXTR R8 SSTRSLEN EXTR R8 SSTRSPOSITION R6 SSTRSPOSITION R6 SSTRSPOS EXTR R8 SSTRSTRANSCATE SSTRSTRIM SSTRSTRIM SSTRSTRANSCATE SSTRSTRIM STRSTRIM SSTRSTRIM SSTRSTRIM STRSTRIM	00000408-R 00000410-R 00001498-R 00000260-R 00000270-R 00000800-R 00000810-R 00000210-R 00000210-R 00000218-R 00000220-R 00000230-R 00000230-R 00000238-R 00000238-R 00000238-R 00000238-R 00000240-R 00000240-R 00000250-R 0000250-R	VMSSVECTOR	VMSSVECTOR

Symbol	13
BASS\$STOP	
BAS\$SUPF RL1  BAS\$SUPF RL1  BAS\$SUPF RL1  BAS\$SUPF RL1  BAS\$ANST INPUT  BAS\$CAMPYPAHEAD  BAS\$CAMPYPAHEAD  BAS\$CLOSE  BAS\$CLOS	
BAS\$\$JDP RIS BAS\$\$JDP RIS BAS\$\$JDP RIS BAS\$SJDP RIS BAS\$SJDP RIS BAS\$ANST INPUT BAS\$CAMPTPAHEAD BAS\$CAMPTPAHEAD BAS\$CAMPTPAHEAD BAS\$CAMPTPAHEAD BAS\$CLOSE BAS\$CLO	
BASSANT TO END	
BASSANT   TO END	
BASSANST   TO   END	
BASSEMPH   APP	
BASSEMPH	
BASSEMPH   APP	
BASSEMPH APP BASSEMPH APP BASSCYT OUT D E BASSCYT OUT F E BASSCYT OUT G G BAST G BASSCYT OUT G G BASSCYT OUT G G BASSCYT OUT G G BASSCYT OUT G	
BASSEMPH APP BASSEMPH APP BASSCYT OUT D E BASSCYT OUT F E BASSCYT OUT G G BAST G BASSCYT OUT G G BASSCYT OUT G G BASSCYT OUT G G BASSCYT OUT G	
BASSEMPH APP BASSEMPH APP BASSCYT OUT D E BASSCYT OUT F E BASSCYT OUT G G BAST G BASSCYT OUT G G BASSCYT OUT G G BASSCYT OUT G G BASSCYT OUT G	
BASSCYT OUT D	
BASSEMPH APP BASSEMPH APP BASSCYT OUT D E BASSCYT OUT F E BASSCYT OUT G G BAST G BASSCYT OUT G G BASSCYT OUT G G BASSCYT OUT G G BASSCYT OUT G	
BAS\$CTRLC	
BAS\$CVT_OUT_D_E	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BASSCVT_OUT_P_F	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BAS\$CVT_OUT_P_F         00002890-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_OUT_P_G         00002888-RX         BASRTL         VMS\$VECTOR           BAS\$CVT_T_P         000028C0-RX         BASRTL         VMS\$VECTOR           BAS\$DELETE         000028C4-RX         BASRTL         VMS\$VECTOR           BAS\$DSCALE_D_R1         00002A10-RX         BASRTL         VMS\$VECTOR           BAS\$EDIT         000028C8-RX         BASRTL         VMS\$VECTOR	
BASSDSCALE_D_R1 00002A10-RX BASRTL VMSSVECTOR BASSEDIT 000028C8-RX BASRTL VMSSVECTOR	
BASSDSCALE_D_R1 00002A10-RX BASRTL VMSSVECTOR VMSSVECTOR	
BASSDSCALE_D_RT 00002ATO-RX BASRTL VMSSVECTOR VMSSVECTOR	
BASSDSCALE_D_R1 00002A10-RX BASRTL VMSSVECTOR BASSEDIT 000028C8-RX BASRTL VMSSVECTOR	
BASSEUTT 000028C8-RX BASRTL VMSSVECTOR	
BASSEND_DEF_R8	
BASSEND_GSB_R8 000028D8-RX BASRTL VMS\$VECTOR VMS\$VECTOR	
BASSEND_GSB_R8 000028D8-RX BASRTL VMSSVECTOR	
BASSEND_R8 000028CC-RX BASRTL VMSSVECTOR BASSERL 000028F8-RX BASRTL VMSSVECTOR	
DACEEDN 0000000 DACET UMCEUPCTOD	
BASSERR 000028F4-RX BASRTL VMSSVECTOR	
BASSERROR 000028E8-RX BASRTL VMSSVECTOR	
BASSERT 000028EC-RX BASRTL VMSSVECTOR	
BASSFIND 00002928-RX BASRTL VMSSVECTOR	
BASSFIND_KEY 00002924-RX BASRTL VMSSVECTOR BASSFIND_RECORD 00002920-RX BASRTL VMSSVECTOR BASSFIND_RFA 0000291C-RX BASRTL VMSSVECTOR	
BASSFIND_RECORD 00002920-RX BASRTL VMSSVECTOR VMSSVECTOR	
BASSERR	
BASSGET 00002940-RX BASRTL VMSSVECTOR	
I DYSAGEIKLY AMONGSAA-KY BUSKIT AMONGSTON	
BASSGET_KEY 0000293C-RX BASRTL VMSSVECTOR	

VMS\$VECTOR

VMS\$VECTOR VMS\$VECTOR

VMS\$VECTOR

BASRTL

BASRTL

BASRTL

BASRTL

Symbol	Value	Defined By	Referenced By
BASSOUT L V B BASSOUT L V C BASSOUT L V S BASSOUT P D R B	00002AAC-RX	BASRTL	VMSSVECTOR
	00002ABO-RX	BASRTL	VMSSVECTOR
BASSOUT P DX C	00002AB4-RX	BASRTL	VMS\$VECTOR
	00002A60-RX	BASRTL	VMS\$VECTOR
	00002A64-RX	BASRTL	VMS\$VECTOR
BASSOUT P DX S BASSOUT T DX B BASSOUT T DX C	00002A68-RX	BASRTL	VMS\$VECTOR
	00002A88-RX	BASRTL	VMS\$VECTOR
	00002A8C-RX	BASRTL	VMS\$VECTOR
BASSOUT T DX S BASSPOP ERR BASSPRINT	00002A90-RX 000028DC-RX 00002964-RX	BASRTL BASRTL BASRTL	VMS\$VECTOR VMS\$VECTOR
BASSPRINT_USING BASSPUSH_ERR	0000295C-RX 000028E0-RX	BASRTL BASRTL	VMSSVECTOR VMSSVECTOR VMSSVECTOR
BASSPUT COUNT BASSPUT RECORD	000029DC-RX 000029D4-RX 000029D8-RX	BASRTL BASRTL BASRTL	VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR
BASSPUT REC_CNT BASSRCTRLC BASSREAD	000029D0-RX	BASRTL	VMS\$VECTOR
	00002880-RX	BASRTL	VMS\$VECTOR
	0000297C-RX	BASRTL	VMS\$VECTOR
BASSRECOUNT	000029EC-RX	BASRTL	VMSSVECTOR
BASSRESTORE	000029FC-RX	BASRTL	VMSSVECTOR
BASSRESTORE_DAT	000029F4-RX	BASRTL	VMSSVECTOR
BAS\$RESTORE_KEY BAS\$RESUME	000029F8-RX	BASRTL	VMS\$VECTOR
	0000290C-RX	BASRTL	VMS\$VECTOR
BASSRESUME_Z	00002908-RX	BASRTL	VMS\$VECTOR
BASSRSET_R	00002A04-RX	BASRTL	VMS\$VECTOR
BASSRSET_R	00002A00-RX	BASRTL	VMS\$VECTOR
BASSSCALE_D_R1 BASSSCRATCH BASSSTATUS	00002A14-RX 00002A18-RX 000029C4-RX	BASRTL BASRTL BASRTL	VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR
BASSSTR_D	00002A34-RX	BASRTL	VMS\$VECTOR
BASSSTR_F	00002A38-RX	BASRTL	VMS\$VECTOR
BASSSTR_G	00002A30-RX	BASRTL	VMS\$VECTOR
BASSSTR_H	00002A2C-RX	BASRTL	VMS\$VECTOR
BASSSTR_L	00002A3C-RX	BASRTL	VMS\$VECTOR
BASSSTR P	00002A28-RX	BASRTL	VMS\$VECTOR
BASSUNLOCK	00002A48-RX	BASRTL	VMS\$VECTOR
BASSUPDATE	00002A50-RX	BASRTL	VMS\$VECTOR
BASSUPDATE_COUN BASSVAL_D BASSVAL_F	00002A4C-RX	BASRTL	VMS\$VECTOR
	00002AD8-RX	BASRTL	VMS\$VECTOR
	00002AD4-RX	BASRTL	VMS\$VECTOR
BASSVAL F BASSVAL G BASSVAL H BASSVAL L	00002ADO-RX 00002ACC-RX 00002ADC-RX	BASRTL BASRTL BASRTL	VMS\$VECTOR VMS\$VECTOR VMS\$VECTOR
BASSVAL P	00002AE0-RX	BASRTL	VMS\$VECTOR
BASSWAIT	000029F0-RX	BASRTL	VMS\$VECTOR
COBSSHANDLER	00002AF4-RX	COBRTL	VMS\$VECTOR
COBSACCEPT COBSACC_DATE	00002B68-RX 00002B58-RX 00002B5C-RX	COBRTL COBRTL COBRTL	VMSSVECTOR VMSSVECTOR VMSSVECTOR
COBSACC_DAY	00002860-RX	COBRTL	VMSSVECTOR
COBSACC_TIME	00002864-RX		VMSSVECTOR

V

Value	Defined By	Referenced By		
		VMS\$VECTOR		
00002C80-RX	FORRTL	VMS\$VECTOR		
00002C98-RX	FORRIL	VMSSVECTOR		
00002C90-RX	FORRTI	AM22AECTUB		
00002C84-RX	FORRTL	VMSSVECTOR		
00002C9C-RX	FORRTL	VMSSVECTOR		
00002CA8-RX	FORRIL			
00002CD0-RX	FORRTL			
00002CF4-RX	FORRTL	VMS\$VECTOR		
00002CF8-RX	FORRTL	VMSSVECTOR		
00002000-KX	FORRTI	AM22AECTOB		
00002C78-RX	FORRTL	VMS\$VECTOR		
00002CAC-RX	FORRTL	VMS\$VECTOR		
		VMSSVECTOR		
00002CEB-RX				
00002D1C-RX	FORRTL	VMSSVECTOR		
00002D18-RX	FORRTL	VMSSVECTOR		
00002008-RX	FORRIL			
00002D24-RX				
00002D20-RX	FORRTL	VMS\$VECTOR		
00002BA4-RX	FORRTL	VMSSVECTOR		
00002BC0-RX	FORRTI	VMS\$VECTOR		
00002C14-RX	FORRTL	VMSSVECTOR		
00002C10-RX		VMS\$VECTOR		
000028F4-KX				
00002C38-RX				
00002C0C-RX	FORRTL	VMS\$VĒČTOR		
00002C08-RX		VMSSVECTOR		
00002BE8-RX	FORRTI	VMSSVECTOR		
00002C1C-RX	FORRTL	VMSSVECTOR		
00002C18-RX	FORRTL	VMS\$VECTOR		
00002BFC-RX	FORRIL	VMSSVECTOR		
00002C04-RX	FORRTL	VMSSVECTOR		
00002C00-RX	FORRTL	VMS\$VECTOR		
00002BE4-RX	FORRIL	VMSSVECTOR		
00002BD4-RX	FORRIL	VMSSVECTOR		
00002BD0-RX	FORRTL	VMSSVECTOR		
00002C24-RX	FORRTL	VMSSVECTOR		
00002C28-RX		VM2DVECTOR		
00002BD8-RX	FORRTL	VMS\$VECTOR		
00002BCC-RX	FORRTL	VMS\$VECTOR		
	00002C8C-RX 00002C8C-RX 00002C98-RX 00002C9C-RX 00002C9C-RX 00002C9C-RX 00002C58-RX 00002CF6-RX 00002CF6-RX 00002CFC-RX 00002CFC-RX 00002CFC-RX 00002CFC-RX 00002CEC-RX 00002CEC-RX 00002CEC-RX 00002CEC-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002D18-RX 00002C16-RX 00002BF6-RX 00002C16-RX	00002C8C-RX 00002C8C-RX 00002C98-RX FORRTL 00002C98-RX FORRTL 00002C9C-RX FORRTL 00002C84-RX FORRTL 00002C58-RX FORRTL 00002C58-RX FORRTL 00002C58-RX FORRTL 00002C58-RX FORRTL 00002C10-RX FORRTL 00002C10-RX FORRTL 00002C78-RX FORRTL 00002C78-RX FORRTL 00002C78-RX FORRTL 00002C6C-RX FORRTL 00002C6C-RX FORRTL 00002D1C-RX FORRTL 00002D28-RX FORRTL 00002D38-RX FORRTL 00002D38-RX FORRTL 00002B6C-RX FORRTL 00002B6C-RX FORRTL 00002B6C-RX FORRTL 00002B6C-RX FORRTL 00002C10-RX FORRTL 00002C10-RX FORRTL 00002B6C-RX FORRTL 00002C10-RX FORRTL 00002C10-RX FORRTL 00002B6C-RX FORRTL	O0002C8C=RX	OCCUPATION   FORTL

LIBRIL

LIBRTL LIBRTL LIBRTL LIBRTL

VMSSVECTOR VMSSVECTOR VMSSVECTOR

VMS\$VECTOR

LIBSEXTZV

LIBSFILE SCAN LIBSFIND FILE

LIBSFFC LIBSFFS 20

V.

Page

Symbol	Value	Defined By	Referenced By
LIBSFIXUP_FLT	00002E80-RX 00002E84-RX 00002E5C-RX 00002EA8-RX 00002F14-RX 00002E88-RX 00002E58-RX 00002E8C-RX 00002E8C-RX	LIBRTL	VMSSVECTOR
LIBSFLT_UNDER	00002E84-RX	LIBRTL	VMS\$VECTOR
LIBSFREE EF LIBSFREE LUN LIBSFREE VM LIBSGET COMMAND	00002E5C-RX	LIBRTL	VMS\$VECTOR
LIBST KEE LUN	00003E46-RX	LIBRIL	VMS\$VECTOR
LIBSTREE VM	00002514-8X	LIBRTL LIBRTL	VMSSVECTOR
LIBSGET_EF	0000258-84	LIBRIL	VMS\$VECTOR VMS\$VECTOR
LIBSGET_INPUT	00002F8C-RX	LIBRIL	VMS\$VECTOR
LIBSGET LUN	00002FA4-RX	LIBRTL	VMS\$VECTOR
LIBSGET OPCODE	00002E90-RX	LIBRTL	VMSSVECTOR
LIB\$GET_VM	00002F18-RX	LIBRTL	VMSSVECTOR
LIBSINDEX	00002E94-RX	LIBRTL	VMS\$VECTOR
LIB\$INSV	00002E98-RX	LIBRTL	VMS\$VECTOR
LIBSINT OVER	00002E9C-RX	LIBRTL	VMSSVECTOR
LIB\$LOCC	00002EA0-RX	LIBRTL	VMS\$VECTOR
LIBSMATCHC	00002EAC-RX	LIBRTL	VMSSVECTOR
LIBSMATCH_COND LIBSMOVTC	00002EB0-RX 00002EB4-RX	LIBRTL LIBRTL	VMS\$VECTOR
LIBSMOVTUC	00002EB8-RX	LIBRIL	VMS\$VECTOR VMS\$VECTOR
LIBSPUT_OUTPUT	00002EBC-RX	LIBRIL	VMS\$VECTOR
LIBSRESERVE_EF	00002E60-RX	LIBRTL	VMS\$VECTOR
LIBSREVERT	00002EC0-RX	LIBRTL	VMS\$VECTOR
LIBSSCANC	00002EC4-RX	LIBRTL	VMS\$VECTOR
LIB\$SCOPY_DXDX	00002ED4-RX	LIBRTL	VMS\$VECTOR
LIB\$SCOPY_DXDX6	00002ED0-RX	LIBRTL	VMS\$VECTOR
LIB\$SCOPY_R_DX	00002ECC-RX	LIBRTL	VMS\$VECTOR
LIB\$SCOPY_R_DX6	00002EC8-RX	LIBRTL	VMS\$VECTOR
LIBSSFREET_DD	00002EE4-RX	LIBRTL	VMS\$VECTOR
LIB\$SFREE1_DD6 LIB\$SFREEN_DD	00002EE0-RX	LIBRTL LIBRTL	VMS\$VECTOR
LIB\$SFREEN_DD6	00002EDC-RX 00002ED8-RX	LIBRIL	VMS\$VECTOR VMS\$VECTOR
LIRSSGETT DD	00002EEC-RX	LIBRTL	VMS\$VECTOR
LIBSSGETT DD_R6	00002EE8-RX	LIBRTL	VMS\$VECTOR
LIBSSHOW_VM	00002F0C-RX	LIBRTL	VMS\$VECTOR
LIB\$SIGNÄL	00002EF4-RX	LIBRTL	VMS\$VECTOR
LIBSSIG TO RET	00002EF8-RX	LIBRTL	VMS\$VECTOR
LIB\$SKPC	00002EFC-RX	LIBRTL	VMS\$VECTOR
LIBSSPANC	00002F00-RX	LIBRTL	VMS\$VECTOR
LIB\$SPAWN	00002F04-RX	LIBRTL	VMS\$VECTOR
LIB\$STAT_VM	00002F08-RX	LIBRTL	VMS\$VECTOR
LIB\$STOP LIB\$TPARSE	00002EF0-RX	LIBRTL LIBRTL	VMS\$VECTOR VMS\$VECTOR
MTH\$ACOS	00002F10-RX 00002F54-RX	MTHRTL	VMS\$VECTOR
MTH\$ACOSD	00002F58-RX	MTHRTL	VMS\$VECTOR
MTHSACOSD_R4	00002F58-RX 00002F50-RX	MTHRTL	VMS\$VECTOR
MTHSACOS_R4	00002F4C-RX	MTHRTL	VMSSVECTOR
MTHSALOG	00002F64-RX	MTHRTL	VMS\$VECTOR
MTH\$ALOG10	00002F68-RX	MTHRTL	VMS\$VECTOR
MTH\$ALOG10_R5	00002F60-RX	MTHRTL	VMS\$VECTOR
MTHSALOG2	00002F6C-RX	MTHRTL	VMSSVECTOR
MTHSALOG_R5	00002f5C-RX	MIHRTL	VMSSVECTOR
MTHSAL_4_OV_PI	00002798-R	MTHSAL_4_OV_PI	VMSSVECTOR

0(0(0)

000000

Symbol	Value	Defined By	Referenced By
MTHSAL 4 OV PI V	00001788-R 00002F78-RX 00002F7C-RX 00002F74-RX	MTHSAL_4_OV_PI	
MTHSASIN	00002F78-RX	MTHRTL	VMS\$VECTOR
MTH\$ASIND	00002F7C-RX	MTHRTL	VMSSVECTOR
MTHSASIND_R4	00002F74-RX	MTHRTL	VMS\$VECTOR
MTHSASIN_R4	00002F70-RX	MTHRTL	VMS\$VECTOR
MTH\$ATAN	00002F88-RX	MTHRTL	VMS\$VECTOR
MTHSATAN2	00002F8C-RX	MTHRTL	VMSSVECTOR
MTHSATAND	00002F90-RX	MTHRTL	VMS\$VECTOR
MTHSATAND2	00002F94-RX	MTHRTL	VMSSVECTOR
MTHSATAND_R4	00002F84-RX	MTHRTL	VMSSVECTOR
MTHSATANH	00002F98-RX	MTHRTL	VMSSVECTOR
MTHSATAN_R4	00002F80-RX 00002F9C-RX	MTHRTL	VMSSVECTOR
MTHSCABS	00002F9C-RX	MTHRTL	VMSSVECTOR
MTHSCCOS	00002FB0-RX	MTHRTL	VMSSVECTOR
MTHSCEXP	00002FA0-RX	MTHRTL	VMSSVECTOR
MTH\$CLOG	00002FA4-RX	MTHRTL	VMSSVECTOR
MTHSCOS	00003090-RX	MTHRTL	VMSSVECTOR
MTH\$COSD	0000309C-RX	MTHRTL	VMS\$VECTOR
MTH\$COSD_R4	00003084-RX	MTHRTL	VMS\$VECTOR
MTH\$COSH	00002FA8-RX	MTHRTL	VMS\$VECTOR
MTH\$COS_R4	00003080-RX	MTHRTL	VMS\$VECTOR
MTHSCSIR	00002FAC-RX	MTHRTL	VMS&VECTOR
MTHSCSQRT	00002FB4-RX	MTHRTL	VMS\$VECTOR
MTH\$DACOS	00002FC0-RX	MTHRTL	VMS\$VECTOR
MTH\$DACOSD	00002FC4-RX	MTHRTL	VMS\$VECTOR
MTH\$DACOSD_R7	00002FBC-RX	MTHRTL	VMSSVECTOR
MTHSDACOS_R7	00002FB8-RX	MTHRTL	VMS\$VECTOR
MTH\$DASIN	00002FD0-RX	MTHRTL	VMS&VECTOR
MTH\$DASIND	00002FD4-RX	MTHRTL	VMS\$VECTOR
MTHSDASIND_R7	00002FCC-RX	MTHRTL	VMS\$VECTOR
MTHSDASIN_R7	00002FCB-RX	MTHRTL	VMS\$VECTOR
MTHSDATAN	00002FE0-RX	MTHRTL	VMS\$VECTOR
MTH\$DATAN2	00002FE4-RX	MTHRTL	VMSSVECTOR
MTH\$DATAND	00002FE8-RX	MTHRTL	VMS\$VECTOR
MTH\$DATAND2	00002FEC-RX	MTHRTL	VMS\$VECTOR
	00002FDC-RX	MTHRTL	VMS\$VECTOR
MTHSDATAND_R7 MTHSDATANH	00002FF0-RX	MTHRTL	VMS\$VECTOR
	00002110-84	MTHRTL	VMS\$VECTOR
MTHSDATAN_R7 MTHSDCOS	00002FD8-RX 00003034-RX	MTHRTL	VMS\$VECTOR
MTH\$DCOSD	00003040-RX	MTHRTL	VMS\$VECTOR
MTH\$DCOSD_R7	00003028-RX	MTHRTL	VMCEVECTOR
MTH\$DCOSH"	00003026-RX	MTHRTL	VMS\$VECTOR VMS\$VECTOR
MTH\$DCOS_R7	00003024-RX	MTHRTL	VMS\$VECTOR
MTH\$DEXP	00002FFC-RX	MTHRTL	VMS\$VECTOR
MTHSDEXP_R6	00002FF8-RX	MTHRTL	VMS\$VECTOR
	00003008-RX		
MTH\$DLOG10	0000300C-RX	MTHRTL	VMS\$VECTOR VMS\$VECTOR
	00003004-RX	MTHRTL	
MTH\$DLOG10_R8		MTHRTL	VMS\$VECTOR
MTH\$DLOG2	00003010-RX	MTHRTL	VMS\$VECTOR
MTHSDLOG_R8	00003000-RX	MTHRTL	VMS\$VECTOR
MTH\$DSIN	00003030-RX	MTHRTL	VMS\$VECTOR
MTH\$DSINCOS	0000302C-RX	MTHRTL	VMS&VECTOR

0000000

0000000

0000000

0000000

Symbol	Value	Defined By	Referenced By
MTH\$DSINCOSD	00003038-RX	MTHRTL	VMS&VECTOR
MTH\$DSINCOSD_R7	00003020-RX 0000301C-RX	MTHRTL	VMS\$VECTOR
4TH\$DSINCOS_R7	0000301C-RX	MTHRTL	VMS\$VECTOR
ATH\$DSIND _	0000303C-RX	MTHRTL	VMS\$VECTOR
ITHSDSIND_R7	00003018-RX	MTHRTL	VMS\$VECTOR
ITH\$DSINH_	00003044-RX	MTHRTL	VMS\$VECTOR
ITHSDSIN_R7	00003014-RX	MTHRTL	VMS\$VECTOR
TH\$DSQRT	0000304C-RX	MTHRTL	VMS\$VECTOR
THSDSQRT_R5	00003048-RX	MTHRTL	VMS\$VECTOR
THISDIAN	00003048-RX 00003058-RX 0000305C-RX 00003054-RX	MTHRTL	VMSSVECTOR
THEOTAND BZ	00003051-88	MTHRTL	VMSSVECTOR
ITHSDTAND_R7	00003060-RX	MTHRTL MTHRTL	VMSSVECTOR
THSDTAN_R7	00003050-RX	MTHRTL	VMS\$VECTOR VMS\$VECTOR
THSEXP	00003068-RX	MTHRTL	VMSSVECTOR
THSEXP_R4	00003064-RX	MTHRTL	VMS\$VECTOR
THERANDOM	0000306C-RX	MTHRTL	VMS\$VECTOR
THSSIN	0000308C-RX	MTHRTL	VMS\$VECTOR
THESINCOS	00003088-RX	MTHRTL	VMS\$VECTOR
TH\$SINCOSD	00003094-RX	MTHRTL	VMS\$VECTOR
ITH\$SINCOSD_R5	0000307C-RX	MTHRTL	VMS\$VECTOR
TH\$SINCOS_R5	00003078-RX	MTHRTL	VMS\$VECTOR
TH\$SIND	00003098-RX	MTHRTL	VMS\$VECTOR
ITHSSIND_R4	00003074-RX	MTHRTL	VMS\$VECTOR
TH\$SINH	000030A0-RX	MTHRTL	VMS\$VECTOR
THSSIN_R4	00003070-RX	MTHRTL	VMS\$VECTOR
THSSORT	000030A8-RX	MTHRTL	VMS\$VECTOR
TH\$SORT_R2	000030AC-RX	MTHRTL	VMSSVECTOR
TH\$SQRT_R3	000030A4-RX	MTHRTL	VMSSVECTOR
THSTAN THE TAND	000030C0-RX	MTHRTL	VMSSVECTOR
THSTAND_R4	000030C4-RX 000030BC-RX	MTHRTL	VMSSVECTOR
THSTAND_R5	00003088-RX	MTHRTL	VMS\$VECTOR VMS\$VECTOR
THSTANH	000030C8-RX	MTHRTL	VMS\$VECTOR
THSTAN_R4	000030B4-RX	MTHRTL	VMS\$VECTOR
THETAN RS	000030B0-RX	MTHRTL	VMS\$VECTOR
TS\$\$CVT_D_T_R8 TS\$\$CVT_G_T_R8 TS\$\$CVT_H_T_R8	00002DC0-RX	LIBRTL	VMS\$VECTOR
TS\$\$CVT G T R8	00002DC8-RX	LIBRTL	VMS\$VECTOR
TS\$SCVT_H_T_R8	00002DC4-RX	LIBRTL	VMS\$VECTOR
TSECVT I TR	00002DDC-RX	LIBRTL	VMS\$VECTOR
TSSCVT_L_TI	00002DE4-RX	LIBRTL	VMS\$VECTOR
TSSCVT_L_TL	00005DEC-8X	LIBRIL	VMS\$VECTOR
TS\$CVT_L_TO	00002DD0-RX	LIBRTL	VMS\$VECTOR
TSSCVT_L_TZ	00002DD8-RX	LIBRIL	VMS\$VECTOR
TSSCVT_TB_L	00002E04-RX	LIBRTL	VMSSVECTOR
TSSCVT TIL	00002DF4-RX	LIBRTL	VMSSVECTOR
TSSCVT_TL_L	00002DF8-RX	LIBRTL	VMS\$VECTOR
1129CAL IO F	00002DFC-RX	LIBRTL	VMSSVECTOR
TCRCUTT R	00002E00-RX 00002E10-RX	LIBRTL	VMSSVECTOR
OTSSCVT_TO_L OTSSCVT_TZ_L OTSSCVT_T_B OTSSCVT_T_F OTSSCVT_T_G	00002DF0-RX	LIBRTL LIBRTL	VMSSVECTOR VMSSVECTOR
TCRCUTTTC	00002E0C-RX	LIBRIL	VMS&VECTOR

Symbol	Value	Defined By	Referenced By
TSSCVT_T_H	00002E08-RX 00002F24-RX 00002F28-RX 00002F34-RX 00002F38-RX	LIBRTL	VMS\$VECTOR
TS\$DIVC	00002F24-RX	MTHRTL	VMS\$VECTOR
TSSPOWCJ	00002F28-RX	MTHRTL	VMS\$VECTOR
TS\$POWDD	00002F34-RX	MTHRTL	VMS\$VECTOR
TS\$POUDJ	00002F38-RX	MTHRTL	VMS\$VECTOR
TS\$POWDR	00002F2C-RX	MTHRTL	VMS\$VECTOR
TS\$POULI	UUUUZI SL-KX	MTHRTL	VMS\$VECTOR
IS\$POWJJ	00002F40-RX	MTHRTL	VMS\$VECTOR
IS\$POURD	00002F30-RX	MTHRTL	VMS\$VECTOR
S\$POURJ	00002F44-RX	MTHRTL	VMS\$VECTOR
SSPOWRR	00002£48-BY	MTHRTL	VMS\$VECTOR
S\$SCOPY_DXDX	00002E34-RX 00002E24-RX 00002E38-RX 00002E20-RX 00002E2C-RX 00002E1C-RX 00002E30-RX	LIBRTL	VMS\$VECTOR
S\$SCOPY_DXDX6	00002E24-RX	LIBRTL	VMS\$VECTOR
S\$SCOPY DXDX6 S\$SCOPY R DX S\$SCOPY R DX6	00002E38-RX	LIBRTL	VMS\$VECTOR
S\$SCOPY_R_DX6	00002E20-RX	LIBRTL	VMS\$VECTOR
S&SFREET DD	0000SESC-BX	LIBRTL	VMS\$VECTOR
S\$SFREE1_DD6	00002E1C-RX	LIBRTL	VMS\$VECTOR
SSSFREEN_DD	00002E30-RX	LIBRTL	VMS\$VECTOR
S\$SFREEN_DD6	UUUUZEIOTKA	LIBRTL	VMS\$VECTOR
S\$SGET1_DD	00002E28-RX	LIBRTL	VMS\$VECTOR
S\$SGET1_DD_R6	00002E14-RX	LIBRTL	VMS\$VECTOR
R\$ANALYZE_SDESC	00002D44-RX	LIBRTL	VMS\$VECTOR
RSANALYZE_SDESC_R1	00002D40-RX	LIBRTL	VMS\$VECTOR
RSAPPEND	00002D48-RX	LIBRTL	VMS\$VECTOR
RSCOMPARE	00002D4C-RX	LIBRTL	VMS\$VECTOR
RSCOMPARE_EQL	00002D50-RX	LIBRTL	VMS\$VECTOR
R\$CONCAT	00002D54-RX	LIBRTL	VMS\$VECTOR
R\$COPY_DX	00002D64-RX	LIBRTL	VMS\$VECTOR
R\$COPY DX R8	00002D5C-RX	LIBRTL	VMS\$VECTOR
R\$COPY_R	00002D60-RX	LIBRTL	VMS\$VECTOR
R\$COPY_R_R8	00002D58-RX	LIBRTL	VMS\$VECTOR
R\$DUPL_CHAR	00002D6C-RX	LIBRTL	VMS\$VECTOR
R\$DUPL CHARRS	00002D68-RX	LIBRTL	VMS\$VECTOR
RSFREET_DX	00002D74-RX	LIBRTL	VMS\$VECTOR
RSFREET DX_R4	00002D70-RX	LIBRTL	VMS\$VECTOR
R\$GET1_DX	00002D7C-RX	LIBRTL	VMS\$VECTOR
RSGETT DX_R4	00002D78-RX	LIBRTL	VMS\$VECTOR
RSLEFT	00002D84-RX 00002D80-RX	LIBRTL	VMS\$VECTOR
RSLEFT_R8	00002D80-RX	LIBRTL	VMS\$VECTOR
RSLEN_EXTR	00002D8C-RX 00002D88-RX	LIBRTL	VMS\$VECTOR
RSLEN EXTR RB RSPOSITION	00002D88-RX	LIBRTL	VMS\$VECTOR
KAPOSITION	00002D94-RX	LIBRIL	VMS\$VECTOR
R\$POSITION_R6	00002D90-RX	LIBRTL	VMS\$VECTOR
RSPOS EXTR	00002D9C-RX	LIBRTL	VMS\$VECTOR
RSPOS EXTR_R8	00002D98-RX	LIBRIL	VMS\$VECTOR
RSPREFIX	00002DA0-RX	LIBRIL	VMS\$VECTOR
RSREPLACE	00002DA8-RX	LIBRTL	VMSSVECTOR
RSREPLACE_R8	00002DA4-RX	LIBRTL	VMSSVECTOR
RSRIGHT	00002DB0-RX	LIBRTL	VMS\$VECTOR
RSRIGHT R8	00002UAC-RX	LIBRTL	VMS\$VECTOR
TRETRANSCATE	00002DB4-RX	LIBRTL	VMSSVECTOR
TRSTRIM	00002DB8-RX	LIBRTL	VMS\$VECTOR

\_\$255\$DUA28:[VMSRTL.OBJ]VMSRTL.EXE;1

16-SEP-1984 04:14

VAX-11 Linker V04-00

Page 25

Symbol STR\$UPCASE Value 00002DBC-RX

Defined By LIBRTL

Referenced By ... VMS\$VECTOR

Symbols By Value

Symbols...

Value 00000328 00000330 00000338 00000340 00000348 00000358 00000358 00000370 00000378 00000378 00000388 00000388 00000390 00000388 R-SSMTHSDCOS R-SSMTHSDCOS\_R7 R-SSMTHSDSIN' R-SSMTHSDSIN R7 R-SSMTHSDSQRT R-SSMTHSDSQRT\_R5 R-SSMTHSEXP R-SSMTHSEXP\_R4 R-SSMTHSCOS R-SSMTHSCOS\_R4 R-SSMTHSSIN R4 R-SSMTHSSIN R4 R-SSMTHSSQRT R-SSMTHSSQRT\_R2 R-\$\$OTS\$DIVC R-\$\$OTS\$POWCJ R-\$\$OTS\$POWDD 000003B0 R-\$\$OTS\$POWDR 00000380 000003C0 000003C8 000003D8 000003E0 000003E8 R-\$\$OTS\$POWRD R-\$\$OTS\$POWDJ R-\$\$OTS\$POW11 R-\$\$OTS\$POWJJ R-\$\$OTS\$POWRJ R-\$\$OTS\$POWRR R-\$\$OTS\$POWRR
R-\$\$OTS\$SCOPY\_DXDX
R-\$\$OTS\$SCOPY\_DXDX6
R-\$\$OTS\$SCOPY\_R\_DX
R-\$\$OTS\$SCOPY\_R\_DX6
R-\$\$OTS\$SGET1\_DD
R-\$\$OTS\$SGET1\_DD\_R6
R-\$\$OTS\$SFREET\_DD
R-\$\$OTS\$SFREET\_DD
R-\$\$OTS\$SFREET\_DD 000003F0 000003F8 00000400 00000408 00000410 00000418 00000420 00000428 R-\$\$OTS\$SFREEN\_DD6 00000438 R-SSMTHSCABS 00000440 R-SSMTHSCEXP 00000448 R-SSMTH\$CLOG R-SSMTHSCOSH 00000458 R-SSMTHSCCOS 00000460 00000468 00000478 00000480 00000488 00000490 000004A0 000004A8 000004B0 000004B0 R-SSMTHSCSIN R-SSMTHSCSQRT R-SSMTHSDCOSH R-SSMTHSDSINH R-SSMTHSDTAN R-SSMTHSDTANH R-SSMTHSRANDOM R-SSMTHSSINH R-SSMTHSTAN R-SSMTHSTANH R-SSLIBSAST\_IN\_PROG R-SSLIBSCRC 00000400 R-\$\$LIBSCRC\_TABLE

Symbols...

Va

Va 

R-\$\$BAS\$\$RECOU INIT R-\$\$BAS\$\$BLNK\_CINE

R-\$\$BAS\$\$SIGNAL\_IO

R-\$\$BAS\$\$SIGNAL

00000880

V4 

```
Value
                                                                                                  Symbols...
                               R-$$BAS$OUT F V S
R-$$BAS$OUT F V B
R-$$BAS$OUT F V C
R-$$BAS$OUT D V S
R-$$BAS$OUT D V C
R-$$BAS$OUT D V C
R-$$BAS$OUT T DX S
R-$$BAS$OUT T DX S
R-$$BAS$OUT T DX C
R-$$BAS$OUT T DX C
R-$$BAS$MAT PRINT
R-$$BAS$MAT INPUT
R-$$BAS$MAT INPUT
R-$$BAS$MAT READ
R-$$BAS$OPEN
R-$$BAS$CLOSE
 ----
 00000A18
00000A18
00000A28
00000A30
00000A40
00000A48
00000A50
00000A60
00000A68
00000A70
00000A78
00000A80
00000A80
00000A90
00000A90
                                R-$$BAS$CLOSE
                                R-SSBASSGET
                                R-$$BAS$GET_RECORD
                                R-SSBASSGET_KEY
 8AA00000
                                R-$$BAS$PUT
00000AB0
00000AB8
00000AC0
                               R-SSBASSPUT_RECORD
R-SSBASSPUT_COUNT
R-SSBASSPUT_REC_CNT
 00000AC8
                                R-$$BAS$FIND
 00000AD0
                                R-$$BAS$FIND_RECORD
R-$$BAS$FIND_KEY
00000AB0
00000AE0
00000AF0
00000AF8
                                R-SSBASSDELETE
                                R-$$BAS$UPDATE
                                R-SSBASSUPDATE_COUN
                                R-SSBASSRESTORE
00000800
00000808
                                R-$$BAS$RESTORE_KEY
                                R-$$BAS$SCRATCH
00000B10
00000B18
00000B20
00000B28
00000B30
00000B38
00000B40
00000B50
00000B50
00000B60
00000B70
00000B70
00000B80
00000B90
00000B90
00000BA0
00000BA0
                                R-$$BAS$UNLOCK
                                R-SSBASSFREE
                                R-$$BAS$CCPOS
                                R-$$BAS$RESTORE_DAT
                                R-$$BAS$RECOUNT
                                R-$$BAS$STATUS
                                R-$$BAS$BUFSIZ
                                R-$$BAS$CHR
                                R-$$BAS$ERROR
                                R-$$LIB$TPARSE
                               R-$$BAS$PUSH_ERR
R-$$BAS$POP_ERR
R-$$BAS$$CB_POP
R-$$BAS$$CB_PUSH
R-$$BAS$$CB_GET
R-$$BAS$$CB_GET
```

Value R-SSBASSSSTATU\_INIT
R-SSBASSSSTOP
R-SSBASSSSTOP IO
R-SSBASSSSCALE\_LR1
R-SSBASSSSCALE\_LR1
R-SSBASSSSCALE\_RT
R-SSBASSSSCALE\_RT
R-SSBASSSSCALE\_RT
R-SSBASSSSCALE\_RT
R-SSBASSSSCALE\_RT
R-SSBASSSCALE\_RT
RASSR-SSBASSSCALE\_RT
R-SSBASSSCALE\_RT
R-SSBASSCALE\_RT
R-SSBASSSCALE\_RT
R-SSBASSSCALE\_RT
R-SSBASSSCALE\_RT
R-SSBASSSCALE\_RT
R-SSBASSSCALE\_RT
R-SSBASSSCALE\_RT
R-SSBASSSCALE\_RT
RASSCALE\_RT
R-SSBASSSCALE\_RT
R-SSBASSCACE\_RT
R-SSBASSC 00000BB8
00000BC8
00000BD8
00000BD8
00000BE8
00000BF8
00000C08
00000C10
0000C28
00000C30
0000C30
0000C58
0000C58 R-SSBASSSSTATU\_INIT R-SSBASSWAIT
R-SSMTHSACOSD
R-SSMTHSACOSD R4
R-SSMTHSASIND R4
R-SSMTHSATAND
R-SSMTHSATAND
R-SSMTHSATAND R4
R-SSMTHSATAND R4
R-SSMTHSDACOSD R7
R-SSMTHSDACOSD R7
R-SSMTHSDASIND R7
R-SSMTHSDATAND R7
R-SSMTHSDATAND R7
R-SSMTHSDATAND R7
R-SSMTHSDATAND R7
R-SSMTHSDATAND R7
R-SSMTHSDCOSD R7
R-SSMTHSDCOSD R7
R-SSMTHSDSIND R7
R-SSMTHSDSIND R7
R-SSMTHSCOSD R4
R-SSMTHSSIND R4

Symbols...

Page

34

Mi Es

P

To

U: To

35

00001418 00001420 00001428 00001438 00001440 000014C8 000014D0 000014D8 000014E0 000014E8 000014F8 00001508 00001508 00001510 00001518 00001528 00001528 00001538 00001538 00001548 00001550 00001588 00001588 00001588 00001588 R-SSBASSNUMT G R-SSBASSNUMT H R-SSBASSNUMT P R-SSBASSSTR G R-SSBASSSTR H R-SSBASSSTR P R-\$\$BAS\$OUT G V S R-\$\$BAS\$OUT G V B R-\$\$BAS\$OUT G V C R-\$\$BAS\$OUT H V S R-\$\$BAS\$OUT H V B

N/ IC

14

14 CC 14

RE

GS

SY

## Value R-\$\$BAS\$OUT\_H\_V\_C R-\$\$BAS\$OUT\_P\_DX\_S R-\$\$BAS\$OUT\_P\_DX\_B R-\$\$BAS\$OUT\_P\_DX\_C R-\$\$BAS\$IN\_G\_R R-\$\$BAS\$IN\_H\_R R-\$\$BAS\$IN\_P\_DX R-\$\$BAS\$VAL\_G R-\$\$BAS\$VAL\_H R-\$\$BAS\$VAL\_P R-\$\$BAS\$VAL\_P R-\$\$BAS\$VAL\_P 00001588 000015C8 000015C8 000015D8 000015D8 000015E8 000015E8 000015F0 00001608 00001608 00001610 00001628 00001630 00001638 00001648 R-SSBASSGET\_RFA R-SSBASSGETRFA R-SSBASSSNEXT LUN R-SSBASSANSI INPUT R-SSBASSANSI IO\_END R-SSBASSCTRLE R-SSBASSRCTRLC R-\$\$BAS\$\$CTRLC INIT R-MTH\$AL 4 OV PI V R-MTH\$AL 4 OV PI RX-BAS\$BUFSIZ RX-BASSCANTYPAHEAD RX-BASSSNEXT\_LUN RX-BASSSCB GET RX-BASSSCB POP RX-BASSSCB PUSH RX-BASSCCPOS RX-BASSCHR RX-BASSCLOSE RX-BASSCMPH APP RX-BASSCMPG APP RX-BASSCMPD APP RX-BASSCMPF APP RX-BASSCMPF APP RX-BASSRCTRLC RX-BASSCTRLC RX-BASSCVT OUT PE RX-BASSCVT OUT PE RX-BASSCVT OUT PF RX-BASSCVT OUT HF RX-BASSCVT OUT HG RX-BASSCVT OUT GG RX-BASSCVT OUT GF RX-BASSCVT OUT GE RX-BASSCVT OUT GE RX-BASSCVT OUT DG RX-BASSCVT OUT DF RX-BASSCVT OUT DF RX-BASSCVT OUT FF RX-BASSCVT OUT FF RX-BASSCVT OUT DE RX-BASSCTRLC

37

VI

Value RX-BASSCVT T P
RX-BASSDELETE
RX-BASSEDIT
RX-BASSEND R8
RX-BASSEND DEF R8
RX-BASSEND GSB R8
RX-BASSEND GSB R8
RX-BASSEND ERR
RX-BASSPOP ERR
RX-BASSPUSH ERR
RX-BASSERR INIT
RX-BASSERROR
RY-RASSERT 000028C0
000028C8
000028C8
000028D0
000028D0
000028D0
000028E0
000028E0
000028F0
000028F0
000028F0
000028F0
000029T0
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910
00002910 RX-BASSERT RX-BASSERN RX-BASSERR RX-BASSERL RX-BASSSHANDLER RX-BASSON\_ERR\_BK RX-BASSON\_ERR\_Z RX-BASSRESUME\_Z RX-BASSRESUME RX-BAS\$\$STOP RX-BAS\$\$SIGNAL RX-BASSSCLOSE ALL
RX-BASSFIND RFA
RX-BASSFIND RECORD
RX-BASSFIND KEY
RX-BASSFIND RX-BASSSFORMAT\_INT RX-BASSFREE RX-BASSGET\_RFA RX-BASSGET\_RECORD RX-BASSGET\_KEY RX-BASSGET RX-BASSGETRFA
RX-BASSINIT\_R8
RX-BASSINIT\_DEF\_R8
RX-BASSINIT\_DFS\_R8
RX-BASSINIT\_GOSDB
RX-BASSINSTR RX-BASSINSTR
RX-BASSPRINT USING
RX-BASSMAT PRINT
RX-BASSPRINT
RX-BASSMAT INPUT
RX-BASSANST INPUT
RX-BASSINPUT
RX-BASSINPUT
RX-BASSINPUT
RX-BASSINPUT RX-BASSMAT READ RX-BASSREAD RX-BASSMAT LINPUT RX-BASSLINPUT RX-BASSIO END RX-BASSANSI 10 END 00002980

Page

VAX-11 Linker V04-00

```
Value
00002990
00002996
000029A0
000029A0
000029A6
000029B0
000029B0
000029B6
000029B6
000029C0
000029C0
000029C0
000029C0
000029C0
000029C0
000029C0
000029C0
000029C0
000029B0
                                                                         RX-BASSNUM_P
                                                                         RX-BASSNUM_H
                                                                         RX-BASSNUM_G
                                                                         RX-BASSNUM_D
                                                                         RX-BASSNUM_F
                                                                         RX-BASSNUM_L
                                                                      RX-BASSNUMT P
RX-BASSNUM1 H
RX-BASSNUM1 G
RX-BASSNUM1 L
RX-BASSNUM1 D
RX-BASSNUM1 F
                                                                      RX-BASSSTATU_INIT
                                                                     RX-BASSIATUS
RX-BASSOPEN
RX-BASSSOPEN ZERO
RX-BASSPUT REC CNT
RX-BASSPUT COUNT
RX-BASSPUT RECORD
                                                                       RX-BASSPUT
RX-BASSSREC_WSL1
                                                                       RX-BASSSBLAK LINE
RX-BASSSRECOU_INIT
                                                                        RX-BASSRECOUNT
                                                                        RX-BASSUAIT
                                                                        RX-BASSRESTORE_DAT
                                                                       RX-BASSRESTORE KEY
                                                                        RX-BASSRESTORE
                                                                        RX-BASSRSET_R
                                                                        RX-BAS$RSET
                                                                      RX-BASSSCALE_L R1
RX-BASSSSCALE_RT
RX-BASSDSCALE_D R1
RX-BASSSCALE_D_R1
RX-BASSSCRATCH
                                                                        RX-BAS$$STOP_RMS
                                                                       RX-BAS$$STOP 10
                                                                       RX-BAS$$SIGNAL_10
                                                                      RX-BASSSTR P
RX-BASSSTR M
RX-BASSSTR G
RX-BASSSTR D
RX-BASSSTR F
                                                                       RX-BASSSTR L
RX-BASSSUDF RL1
RX-BASSSUDF WL1
                                                                        RX-BASSUNLOCK
RX-BASSUPDATE_COUN
                                                                         RX-BASSUPDATE
                                                                       RX-BASSIN P DX
                                                                         RX-BASSIN_G_R
```

------

VI

Value RX-BASSOUT PDX BRX-BASSOUT PDX CRX-BASSOUT HV BRX-BASSOUT HV SRX-BASSOUT GV BRX-BASSOUT TDX BRX-BASSOUT TDX SRX-BASSOUT TV BRX-BASSOUT TV BRX-BASSOUT TV BRX-BASSOUT TV BRX-BASSOUT TV SRX-BASSOUT 00002A60
00002A6C
00002A70
00002A76
00002A76
00002A80
00002A86
00002A86
00002A86
00002A96
00002A96
00002AA0
00002AA0
00002AA0
00002AB0
00002B00
00002B00
00002B00
00002B00
00002B00
00002B00
00002B00
00002B10
00002B10
00002B20
00002B30
00002B30
00002B30 RX-BASSVAL G RX-BASSVAL F RX-BASSVAL D RX-BASSVAL P RX-BASSHANDLER RX-COB\$IDEXCEPTION RX-COB\$\$HANDLER RX-COBSERROR RX-COB\$SUBI RX-COBSADDI RX-COBSMULI RX-COB\$DIVI\_OSE RX-COBSDIVI RX-COBSCMPI RX-COBSCVTWI\_R8 RX-COBSCVTTI\_R8 RX-COBSCVTRID R8 RX-COB\$CVTRIQ\_R8 RX-COBSCVTRIP\_R9 RX-COBSCVTRIL\_R8 RX-COBSCVTQI\_R8 RX-COBSCVTPI R9 RX-COBSCVTLI\_R8

VI

Value RX-FORSIO\_DC\_V
RX-FORSIO\_DC\_R
RX-FORSIO\_GC\_V
RX-FORSIO\_GC\_R
RX-FORSIO\_X\_SE
RX-FORSIO\_T\_DS
RX-FORSIO\_T\_V\_DS
RX-FORSIO\_X\_DA
RX-FORSIO\_X\_DA
RX-FORSIO\_X\_DA
RX-FORSIO\_X\_SB
RX-FORSIO\_X\_NL
RX-FORSIO\_X\_NL
RX-FORSREAD\_KU
RX-FORSREAD\_SU
RX-FORSWRITE\_SU
RX-FORSWRITE\_SU
RX-FORSREAD\_KF 00002C10 00002C14 00002C18 00002C20 00002C20 00002C24 00002C24 00002C30 00002C30 00002C30 00002C3C 00002C3C 00002C40 00002C40 00002C50 00002C50 RX-FORSREAD KF RX-FORSDECODE MF RX-FORSREAD\_DF RX-FORSREAD IF
RX-FORSWRITE SF
RX-FORSWRITE DF
RX-FORSWRITE IF
RX-FORSWRITE SF 00002060 00002064 00002068 00002C6C 00002C70 00002074 00002C76 00002C80 00002C80 00002C84 00002C86 00002C90 00002C94 00002CA0 00002CA0 00002CAC 00002CAC 00002CB0 00002CB0 00002CBC 00002CBC 00002CCC 00002CCC RX-FORSENCODE AF RX-FORSENCODE MF
RX-FORSCVT D TE
RX-FORSCVT G TE
RX-FORSCVT D TD
RX-FORSCVT G TD
RX-FORSCVT G TD
RX-FORSCVT D TF
RX-FORSCVT D TF
RX-FORSCVT D TF
RX-FORSCVT D TG
RX-FORSCVT D TG RX-FORSREWRITE SO RX-FORSWRITE\_JO RX-FORSWRITE\_DO RX-FORSWRITE\_SO RX-FORSREAD\_SO RX-FORSREAD\_DO RX-FORSREAD 10 RX-FORSREAD KO RX-FORSDECODE MO RX-FORSREAD SN RX-FORSREAD SL RX-FORSWRITE\_SL

Symbols... -------

```
Value
   ----
00002CE0
00002CE4
00002CE8
00002CF0
00002CF0
00002CF6
00002D00
00002D00
00002D00
00002D10
00002D10
00002D16
00002D16
00002D16
00002D16
00002D20
00002D20
00002D20
00002D20
00002D20
00002D20
00002D20
00002D20
00002D20
                                                                       RX-FORSURITE SN
RX-FORSSERRSNS SAV
RX-FORSERRSNS D
                                                                        RX-FORSERRSNS
                                                                         RX-FORSBACKSPACE
                                                                      RX-FORSDEF FILE W
RX-FORSDELETE_D
                                                                         RX-FORSDELETE
                                                                        RX-FORSENDFILE
RX-FORSFIND
                                                                         RX-FORSRAB
                                                                         RX-FORSREWIND
                                                                         RX-FORSUNLOCK
                                                                        RX-FORSEXIT_W
                                                                      RX-FORSEXIT

RX-FORSINI_DESC_R6
RX-FORSINI_DES2_R3
RX-FORSINI_DES1_R2
RX-FORSPAUSE
                                                                        RX-FORSSECNDS
RX-FORSSTOP
                                                                       RX-STRSANALYZE_SDESC_R1
RX-STRSANALYZE_SDESC
RX-STRSAPPEND
                                                                    RX-STR$APPEND
RX-STR$COMPARE
RX-STR$COMPARE_EQL
RX-STR$COMPARE_EQL
RX-STR$COPY_R R8
RX-STR$COPY_DX_R8
RX-STR$COPY_DX_R8
RX-STR$COPY_DX_R8
RX-STR$COPY_DX_R4
RX-STR$DUPL_CHARR8
RX-STR$FREET_DX_R4
RX-STR$FREET_DX_R4
RX-STR$FREET_DX_R4
RX-STR$LEFT_R8
RX-STR$LEFT_R8
RX-STR$LEFT_R8
RX-STR$LEFT_R8
RX-STR$LEN_EXTR_R8
RX-STR$LEN_EXTR_R8
RX-STR$POSITION_R6
RX-STR$REPLACE_R8
RX-STR$REPLACE_R8
00002D50
00002D58
00002D5C
00002D60
00002D68
00002D6C
00002D70
00002D76
00002D76
00002D76
00002D80
00002D80
00002D8C
00002D8C
00002D8C
00002D8C
00002D8C
00002DAC
00002DAC
00002DBO
00002DBO
00002DBO
00002DBO
00002DBO
00002DBO
                                                                        RX-STRSRIGHT_R8
                                                                        RX-STRSRIGHT
                                                                         RX-STR$TRANSLATE
```

Symbols... ------

Value 00002DB8
00002DC0
00002DC4
00002DC8
00002DD0
00002DD0
00002DB8
00002DB0
00002B10
000002B10
00002B10
00002B10
00002B10
00002B10
00002B10
00002B10
000002B10
00002B10
00002B10
00002B10
00002B10
00002B10
00002B10 RX-STR\$TRIM RX-STR\$UPCASE RX-OTS\$SCVT D T R8
RX-OTS\$SCVT H T R8
RX-OTS\$SCVT G T R8
RX-FOR\$CNV\_OUT O
RX-FOR\$CNV\_OUT O
RX-FOR\$CNV\_OUT I
RX-OTS\$CVT L TI
RX-OTS\$CVT L TI
RX-OTS\$CVT L TI
RX-OTS\$CVT L TI
RX-OTS\$CVT T T L
RX-OTS\$CVT T T L
RX-OTS\$CVT T T D
RX-OTS\$CVT T D
RX-OTS\$SCPT DD
RX-OTS\$SFREEN DD
RX-

Symbols...

43

VMS

64

VMS

Value RX-LIBSGET\_COMMAND RX-LIBSGET\_INPUT RX-LIBSGET\_OPCODE RX-LIBSINDEX 00002E86 00002E90 00002E94 00002E98 00002EA0 00002EA0 00002EA0 00002EB0 00002EB0 00002EB0 00002EB0 00002EB0 00002EC0 00002EC0 00002EC0 00002ED0 00002ED0 00002ED0 00002ED0 00002EF0 00002EF0 00002EF0 00002F10 00002F10 00002F10 00002F10 00002F30 RX-LIBSINSV RX-LIBSINT OVER RX-LIBSLOCT RX-LIBSGET LUN RX-LIBSFREE LUN RX-LIBSMATCRC RX-LIBSMATCH\_COND RX-LIBSMOVTC RX-LIBSMOVTUC RX-LIBSPUT OUTPUT RX-LIBSREVERT RX-LIB\$SCANC
RX-LIB\$SCOPY R DX6
RX-LIB\$SCOPY R DX
RX-LIB\$SCOPY DXDX6
RX-LIB\$SCOPY DXDX
RX-LIB\$SCOPY DXDX
RX-LIB\$SFREEN DD6
RX-LIB\$SFREEN DD
RX-LIB\$SFREE1 RX-LIB\$SF RX-LIBSSPANC RX-LIBSSPAWN RX-LIBSSTAT\_VM RX-LIBSSHOW\_VM RX-LIBSTPARSE RX-LIBSFREE\_VM RX-LIBSGET\_VM RX-OTSSPOWCJ RX-OTSSPOWDR RX-OTSSPOWDD RX-OTSSPOWDD RX-OTSSPOWDJ RX-OTSSPOWJJ RX-OTSSPOWJJ RX-OTSSPOWJJ RX-OTSSPOWRJ RX-OTSSPOWRJ RX-OTSSPOWRJ RX-LIB\$SPANC RX-OTS\$POWRR RX-MTHSACOS R4 RX-MTHSACOSD R4 RX-MTHSACOS RX-MTH\$ACOSD RX-MTHSALOG R5

Value 00002F68
00002F6C
00002F78
00002F78
00002F78
00002F88
00002F86
00002F8C
00002F9C
00002F9C
00002FAC
00002FAC
00002FAC
00002FAC
00002FAC
00002FAC
00002FAC
00002FBC
00002FBC RX-MTH\$ALOG10\_R5 RX-MTHSALOG RX-MTHSALOG10 RX-MTH\$ALOG2 RX-MTHSASIN R4 RX-MTHSASIND R4 RX-MTHSASIN RX-MTHSASIND RX-MTHSATAN R4 RX-MTHSATAND\_R4 RX-MTHSATAN2 RX-MTHSATAND RX-MTHSATAND2 RX-MTHSATANH RX-MTH\$CABS RX-MTHSCEXP RX-MTH\$CLOG RX-MTH\$COSH RX-MTHSCSIN RX-MTHSCCOS RX-MTHSCSQRT RX-MTHSDACOS\_R7 RX-MTHSDACOSD\_R7 RX-MTHSDACOS RX-MTHSDACOSD RX-MTHSDASIN R7 RX-MTHSDASIND\_R7 RX-MTHSDASIN RX-MTH\$DASIND RX-MTHSDATAN R7 RX-MTHSDATAND\_R7 RX-MTHSDATAN RX-MTHSDATAN2 RX-MTHSDATAND RX-MTHSDATAND2 RX-MTHSDATANH RX-MTHSDCOSH RX-MTHSDEXP\_R6 RX-MTHSDEXP RX-MTHSDLOG R8 RX-MTHSDLOGTO\_R8 RX-MTHSDLOGTO R8
RX-MTHSDLOGTO
RX-MTHSDLOGTO
RX-MTHSDLOG2
RX-MTHSDSIN R7
RX-MTHSDSIND R7
RX-MTHSDSINCOS R7
RX-MTHSDSINCOSD\_R7 RX-MTHSDCOS R7 RX-MTHSDCOSD R7 00003020 RX-MTH&DSINCOS

Symbols... ------

Key for special characters above:

U - Undefined
U - Universal
R - Relocatable
X - External

46

Page

```
6 7
16-SEP-1984 04:14
$255$DUA28:[VMSRTL.OBJ]VMSRTL.EXE:1
                                                                                                                   VAX-11 Linker V04-00
                                                                                                                                                              Page
                                                                                                                                                                       47
                                                                  Image Synopsis
Virtual memory allocated:
                                                                 00000000 00003fff 00004000 (16384. bytes, 32. pages)
Stack size:
                                                                            . pages
Image header virtual block limits:
Image binary virtual block limits:
Image name and identification:
Number of files:
                                                                                                 1. block)
                                                                                                25. blocks)
                                                                                      26. (
                                                                 VMSRTL VO4-000
Number of modules:
Number of program sections:
Number of global symbols:
                                                                      1651.
1628.
Number of cross references:
Number of image sections:
Number of address fixups:
Number of code references to shareable images:
Image type:
                                                                   PIC, SHAREABLE, Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=3100
Map format:
                                                                 FULL WITH CROSS REFERENCE in file _$255$DUA28: [VMSRTL.LIS]VMSRTL.MAP: 1
                                                                 311. blocks
Estimated map length:
                                                              Link Run Statistics !
Performance Indicators
                                                                                   CPU Time
                                                                 Page Faults
                                                                                                        Elapsed Time
                                                                                                       00:00:03.21
00:00:24.91
00:00:01.03
00:00:03.29
00:00:07.22
00:00:00.20
     Command processing:
                                                                                   00:00:00.79
                                                                            387
                                                                                   00:00:09.06
     Pass 1:
                                                                                   00:00:00.56
                                                                            88
     Allocation/Relocation:
                                                                                   00:00:02.07
     Pass 2:
     Map data after object module synopsis:
     Symbol table output:
                                                                                   00:00:00.0
                                                                           838
                                                                                   00:00:19.83
Total run values:
Using a working set limited to 1800 pages and 726 pages of data storage (excluding image)
Total number object records read (both passes): 308 of which 113 were in libraries and 2 were DEBUG data records containing 48 bytes
Number of modules extracted explicitly
     with O extracted to resolve undefined symbols
O library searches were for symbols not in the library searched
A total of 4 global symbol table records was written
LINK/NOSYSLIB/SHARE=EXES:VMSRTL/MAP=MAPS:VMSRTL/FULL/CROSS COMS:VMSRTLLNK/OPTIONS
  VMSRTLLNK.OPT - Linker options file for building VMSRTL.EXE
  3-001 - New options file for "stub" VMSRTL. SBL 19-May-1983
3-002 - VMSVECTOR resides in LIB$:VMSVECTRS now. Pull other OLB's
in from RESOBJ$. Link against IMAGELIB in SYS$LIBRARY.
MDL 22-Aug-1983
```

Specify image name and ident. Note that this is not the same as the global section ident given with GSMATCH. IDENT should change each time VMSRTL changes in a released version, such as a maintenance update. GSMATCH should change only when the vector is modified in an incompatible (backwards) fashion.

NAME = VMSRTL IDENT="VO4-000"

Specify the order of the PSECTs. The vector comes first.

COLLECT=CLUSTER1, \$VMS\$VECTOR, \_MTH\$CODE

Specify modules to be included. The first must be VMSVECTOR.

LIBS: VMSVECTRS/INCLUDE=(-

VMS\$VECTOR)

RESOBJ\$:MTHRTL/INCLUDE=(-

MTHSAL\_4\_OV\_PI)

SYS\$LIBRARY: IMAGELIB/LIBRARY

! Set global section match values GSMATCH=LEQUAL,1,3100

CORPORATION VAX/VMS V4.0 CONFIDENTIAL AND PROPRIETARY THE SE INF & 100000 UMSRT